

$$\begin{array}{ccccccc} \left\{ \begin{matrix} \{\bar{m}_0^j\} \\ \{\bar{l}_{-1}^{(j)}\} \\ \vdots \\ \{\bar{l}_{-n}^{(j)}\} \end{matrix} \right\} & \xrightarrow[\text{flow}]{} & \left\{ \begin{matrix} \{\bar{m}_0^j\} \\ \{\bar{l}_{-1}^{(j)}\} \\ \vdots \\ \{\bar{l}_{-n}^{(j)}\} \end{matrix} \right\} & \xrightarrow[\text{flow}]{} & \left\{ \begin{matrix} \{\bar{m}_0^j\} \\ \{\bar{l}_{-1}^{(j)}\} \\ \vdots \\ \{\bar{l}_{-n}^{(j)}\} \end{matrix} \right\} & \xrightarrow[\text{flow}]{} & \left\{ \begin{matrix} \{\bar{m}_0^j\} \\ \{\bar{l}_{-1}^{(j)}\} \\ \vdots \\ \{\bar{l}_{-n}^{(j)}\} \end{matrix} \right\} \\ \text{fluid} & & \text{solid} & & \text{solid} & & \text{solid} \end{array}$$

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